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MASSACHUSETTS BOARD OF LIBRARY COMMISSIONERS
648 Beacon Street Boston, MA 02215

MAY 1987

Selected
Public Library
Statistics

DATA FOR MASSACHUSETTS FY86

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Introduction

The report provides per capita and percentage figures reflecting selected FY86 support and activity indicators for responding public libraries. Data were compiled from the FY87 Library Incentive Grant Application, the FY87 Municipal Equalization Grant Application and the Annual Report Information Survey forms.

With few exceptions, financial, collection, and hours open data are for the twelve month period ending June 30, 1986. Twenty libraries reported holdings and/or circulation data for another period, most frequently, for calendar year 1985. The work week and full-time equivalents (FTE) data are reported as of July 1, 1986.

The report reflects income data for 332 or 96% of the 347 municipalities with public libraries. Expenditure data and hours open data were received from 320 or 92% of the communities. A total of 328 or 95% of the municipalities supplied holdings, circulation, work week, and staffing data.

With one exception, this report reflects the combined levels of library support and activity for all reporting libraries within municipalities with more than one library system receiving public funds. Holdings, circulation, work week, and FTE data for Barnstable do not include reports from the Sturgis Library.

ARRANGEMENT OF THE REPORT

The report is arranged in three sections: Summary Tables, Municipal Tables, and the survey forms. Statewide and regional data for selected indicators follow the introduction. The Usage Notes preceding the Summary Tables contain a formula for calculating percentiles not appearing in the Summary Tables.

Section One: Summary Tables

The summary tables display the mean (average), median, and the 10th, 25th, 75th, and 90th percentile values of nine indicators for population groups I through VI. Because of the small number of municipalities in group VI, the percentiles for this group should be considered estimates only.

Means, medians, and percentiles are superfluous for group VII, the three municipalities with populations in excess of 100,000. Data for these municipalities appear in the municipal tables only.

Section Two: Municipal Tables

At the request of users of the report, we have continued to arrange data for individual municipalities in

seven population groups based on the 1980 federal census. See the Index to determine in which population group a municipality is listed.

INDICATORS OF LIBRARY SUPPORT & ACTIVITY

In addition to 1980 population, 1980 population rank, and regional system affiliation (Central, Eastern, or Western), the following library data appear in this order in the municipal tables:

Total Operating Income Per Capita
Appropriated Municipal Income Per Capita
Total Operating Expenditures Per Capita
Salary Expenditures Per Capita and as a Percent of Total Operating Expenditures
Materials Expenditures Per Capita and as a Percent of Total Operating Expenditures
Holdings Per Capita
Circulation Per Capita
Hours Open in the Winter and Summer
Hours in the Work Week
Full-time Equivalents of Staff

The emphasis of the report is municipal data. Therefore, we ask that the state funds received by libraries that contract with the Board of Library Commissioners to provide regional services be omitted from the report.

Only three categories of federal and state funds have been included in the report. Libraries were asked to include federal revenue sharing, the Massachusetts Library Incentive Grant and the Additional Aid to Public Libraries monies in their income and expenditure figures.

Because all libraries do not have precisely the same sources of income, the **Total Operating Income** data are not comparable in terms of categories of income and access to the income. The income components depend on the municipality and the manner of reporting. For example, Total Operating Income may reflect all or some of the components of Appropriated Municipal Income plus trust or endowment income, and/or income from monetary gifts or miscellaneous sources.

The discretion with which trust and/or endowment income may be expended varies widely among libraries depending on the fund restrictions. Some funds, for example, restrict expenditures to materials on a relatively narrow topic. As a result, a library's operating income may appear inflated until selected materials complying with the fund requirements are acquired.

Print and non-print data are combined in the **Holdings** and **Circulation** indicators.

Hours Open, Winter and Summer, displays the number of hours in an average week that the library was open to the public in FY86. Hours for branch libraries are included if they do not overlap main library hours.

Hours in the Work Week, for larger libraries, is the number of hours typically worked per week by a full-time paid employee. For smaller libraries where no one works 35 hours, the figure is the greatest number of hours worked in a typical week by a paid staff member. Depending on the municipality, that work week may be considered full-time by the municipality, even though it is less than 35 hours.

The full-time equivalents **(FTE)** reflect paid staff, excluding those paid by state or federally subsidized employment programs. One FTE equals 35 paid staff hours.

LIBRARY INCENTIVE GRANT PROGRAM

The compilation of data for this report may not necessarily correspond to the data used to determine compliance with minimum standards for the FY87 Library Incentive Grant Program.

STATEWIDE DATA

Statewide data for selected financial and collection indicators are shown for the last three fiscal years with per capitas based on the population served by the libraries responding each year.

The agency welcomes your comments and suggestions and examples of how the report is being used.

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STATISTICS OF PUBLIC LIBRARIES STATEWIDE SUMMARY FOR SELECTED INDICATORS, FY 84-86

(per capita figures in parentheses)

FY[a]	No. of Reptg[b] Libs.	No. of Reptg[b] Muns.	Total Operating Income $	Appropriated Municipal Income $	Total Operating Expenditures $	Salary Expenditures $	Materials Expenditures $	Holdings	Circulation	FTE[g]
1984	343	316	71,335,308 (12.73)	67,374,011 (12.02)	69,813,294 (12.45)	47,701,217 (8.51)	11,325,376 (2.02)	26,397,755[c] (4.67)	32,003,443[d] (5.66)	3564.6[c]
1985	346	319	76,044,835 (13.49)	71,421,637 (12.67)	74,087,488 (13.14)	50,077,961 (8.89)	12,409,215 (2.20)	29,689,667[e] (5.24)	32,226,127[e] (5.69)	3727.5[e]
1986	359	332	83,435,131 (14.60)	78,917,786 (13.81)	80,587,387 (14.28)	55,030,976 (9.75)	13,238,022 (2.35)	27,560,842[f] (4.84)	32,066,913[f] (5.64)	3832.5[f]
84-85	% CHANGE IN PER CAPITA FIGURES		5.97	5.41	5.54	4.47	8.91	12.21	0.53	4.57%
85-86			8.23	9.00	8.68	9.67	6.82	-7.63	-0.88	2.82%
84-86			14.69	14.89	14.70	14.57	16.34	3.64	-0.35	7.52%

Per capita figures are based on the population (1980 U.S. census) of municipalities served by responding libraries.

FY84, population served by responding libraries for financial indicators = 5,605,527
for holdings data = 5,657,959
for circulation data = 5,655,648
FY85, population served by responding libraries for financial indicators = 5,636,224
for holdings and circulation data = 5,661,133
FY86, population served by responding libraries for income indicators = 5,712,808
for expenditure indicators = 5,644,946
for holdings and circulation data = 5,689,982

a. Fiscal year applies to all indicators except FTE which are reported as of July 1 of each year
b. Reporting financial data; for FY86, 359 libraries in 332 municipalities reported income data and 346 libraries in 320 municipalities reported expenditures data. The income totals for just those respondents who also reported expenditure data are: Total Operating Income $82,619,296 ($14.64) and Appropriated Municipal Income $78,201,707 ($13.85).
c. Holdings and FTE data based on 352 libraries reporting from 325 municipalities
d. Circulation based on 351 libraries reporting from 324 municipalities
e. Holdings, circulation, and FTE data based on 346 libraries reporting from 321 municipalities
f. Holdings, circulation, and FTE data based on 354 libraries reporting from 328 municipalities.
g. Rate of change calculated on gross figures.

FY86 REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity

Population Group	Total Library Operating Income $				Appropriated Municipal Operating Income $				Total Library Operating Expenditures $				Salary Expenditures $				Material Expenditures $			
	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group	C	E	W	Pop Group
I 1-1,999	8.42	18.66	6.76	8.70	6.19	17.17	5.90	7.53	8.62	17.14	6.57	8.39	3.86	10.46	3.09	4.27	2.31	4.73	1.92	2.38
II 2,000-4,999	10.04	17.91	9.64	13.00	8.69	16.57	7.01	11.33	10.05	17.16	9.71	12.92	5.62	10.68	5.46	7.68	2.68	4.02	2.30	3.14
III 5,000-9,999	10.03	12.39	10.16	11.34	9.38	11.72	9.37	10.66	10.17	12.44	9.70	11.35	6.46	7.88	5.81	7.13	2.29	2.74	2.16	2.52
IV 10,000-24,999	13.74	14.52	11.82	14.10	13.19	13.73	11.33	13.38	13.40	13.94	11.61	13.59	8.51	9.60	7.70	9.20	2.76	2.61	2.10	2.58
V 25,000-49,999	14.51	15.05	12.98	14.72	13.76	13.98	11.13	13.55	14.12	14.71	12.46	14.35	9.63	10.06	8.19	9.76	2.27	2.33	2.15	2.30
VI 50,000-99,999	----	12.03	9.19	11.80	----	11.79	8.93	11.56	----	11.81	9.04	11.58	----	8.66	6.98	8.53	----	1.70	1.34	1.67
VII 100,000+	16.81	22.90	24.73	22.10	16.07	22.22	22.12	21.07	16.39	22.18	24.73	21.55	12.10	14.64	17.28	14.63	2.10	2.79	3.65	2.81
REGIONAL/ ALL GROUPS	13.93	15.11	13.75	14.78	13.17	14.41	12.35	13.98	13.25	14.59	13.47	14.28	8.80	10.04	9.03	9.75	2.45	2.33	2.32	2.35

for income indicators:
C (Central Region) reflects 70 reporting municipalities with a 1980 federal census of 715,860
E (Eastern Region) reflects 177 reporting municipalities with a 1980 federal census of 4,221,843
W (Western Region) reflects 85 reporting municipalities with a 1980 federal census of 775,105

for expenditure indicators:
C (Central Region) reflects 63 reporting municipalities with a 1980 federal census of 685,485
E (Eastern Region) reflects 174 reporting municipalities with a 1980 federal census of 4,186,987
W (Western Region) reflects 83 reporting municipalities with a 1980 federal census of 772,474

FY86 REGIONAL ADDENDUM

Average Per Capita Figures for All Reporting Municipalities
By Population Group and Regional Affiliation for 7 Indicators of Library Support and Activity (cont'd)

Population Group	Total Holdings C	Total Holdings E	Total Holdings W	Total Holdings Pop Group	Total Circulation C	Total Circulation E	Total Circulation W	Total Circulation Pop Group
I 1-1,999	9.14	11.91	9.21	9.58	8.10	10.79	7.21	7.83
II 2,000-4,999	5.68	7.39	8.22	7.01	6.37	10.73	7.56	8.42
III 5,000-9,999	4.31	4.69	4.93	4.63	5.94	6.75	5.76	6.36
IV 10,000-24,999	3.48	4.16	3.48	3.96	6.30	7.31	7.23	7.12
V 25,000-49,999	3.93	3.87	4.96	4.03	5.69	5.97	5.90	5.95
VI 50,000-99,999	----	3.62	2.76	3.55	----	3.84	5.22	3.95
VII 100,000+	5.21	11.05	4.51	8.83	4.31	3.10	7.91	4.16
REGIONAL/ ALL GROUPS	4.34	4.95	4.71	4.84	5.73	5.44	6.61	5.64

for holdings and circulation data:
C (Central Region) reflects 65 reporting municipalities with a 1980 federal census of 696,749
E (Eastern Region) reflects 176 reporting municipalities with a 1980 federal census of 4,216,491
W (Western Region) reflects 87 reporting municipalities with a 1980 federal census of 776,742

Usage Notes

The statistical measures applied to each indicator of library support and activity in the Summary Tables are:

The Mean — a measure of central tendency which is commonly termed the "average." It is derived by dividing the sum of all the values in any particular group of data by the number of values included in that total.

Percentile Rank — describes the position of a value in its distribution, indicating the percent of cases in a distribution falling at or below the value of an indicator. For example, the library of a hypothetical municipality has a per capita operating expenditure of $6.00 and a corresponding percentile rank of 25. This indicates that 25% of the municipalities in the population group have the same or smaller per capita operating expenditure than the sample library.

Median — the popular term for the 50th percentile; is equal to the value of an indicator at or below which 50% of the values fall. The value of the median differs from the value of the mean when the distribution of the values of an indicator is not regular, but rather skewed or piled at either end of the range. When there is considerable difference between the median and the mean, the median is generally thought of as being the more valid measure of central tendency.

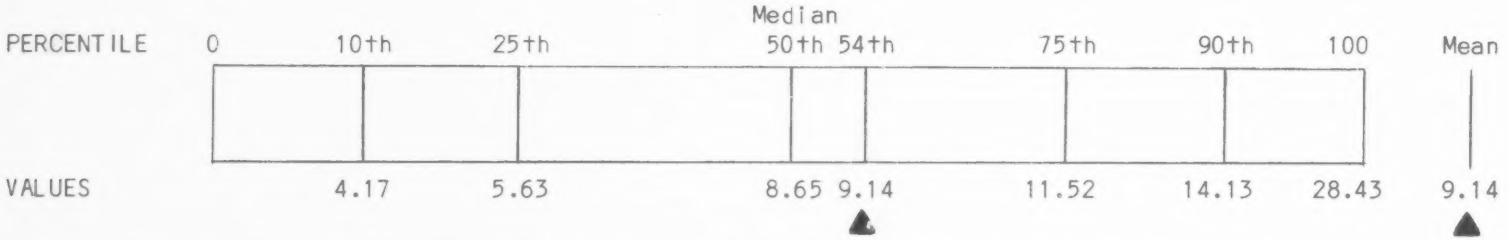
Percentiles are not the most descriptive measures when the sample size is small, as in the 50,000 - 99,999 population group, the distribution is skewed, or the range of values is small. This is especially evident in Table G for the 25,000 - 49,999 and 50,000 - 99,999 groups. In some cases the same value appears for more than one percentile. Depending on the table, this is the result of one or more of the following conditions: there are only a finite number of discrete values in each distribution; there may be a relatively small range of values consisting of rounded whole numbers; and/or there may be a skewed distribution in the range.

Constructed below are hypothetical library situations designed to illustrate how the Summary Tables may be used and how an undisplayed percentile may be calculated.

Calculating an Undisplayed Percentile

In some instances, the value of an indicator may fall between the displayed values of a statistical measure, such as between the median (50th percentile) and the 75th percentile and it is informative to calculate the undisplayed percentile. Following is an example of how this may be done.

Example A: For a library in a hypothetical municipality in the 10,000 to 24,999 population group (group IV), salary expenditures are equal to $9.14 per capita. From Summary Table D, we see that 9.14 falls between the values of the median (8.65) and the 75th percentile (11.52). We can estimate, based on the data available and using population served as a basis of comparison, that for the library in our hypothetical municipality, salary expenditures per capita are equal to or greater than 54% of the municipalities reporting in this population group.



Undisplayed percentile ranks may be calculated by the shorthand interpolation procedure used to compute the 54th percentile in Example A. This was done by:

a - Finding the difference between the displayed values falling above (11.52) and below (8.65) our hypothetical value (9.14). The difference is 2.87 salary expenditures dollars per capita.

b - Finding the difference between our hypothetical value (9.14) and the displayed value falling below it (8.65). The difference is .49 salary expenditures dollars per capita.

c - Determining the ratio of the latter difference to the former difference (.49 divided by 2.87), which equals .171.

d - Finding the difference between the displayed percentiles corresponding to the displayed values falling above and below our hypothetical value (9.14). In our example, the difference between the corresponding percentiles (75th and median/50th) is 25 percentile units.

e - Interpolating the ratio from the values line to the difference between the displayed percentiles. In our example, the ratio is .171 (see c above) and the difference between the percentiles is 25 (see d above). .171 x 25 = 4.28 percentile units.

f - Adding the interpolated percentile units to the displayed percentile falling below our hypothetical value to arrive at the estimated percentile rank of our hypothetical library. For example, 4.28 + 50 = 54.28 = 54th percentile.

It should be noted that this procedure assumes that the size of the intervals between values is constant throughout the distribution. Quite often there is slight variability in their size, so that ranks computed by this method must be considered estimates.

Looking at More than One Statistical Measure

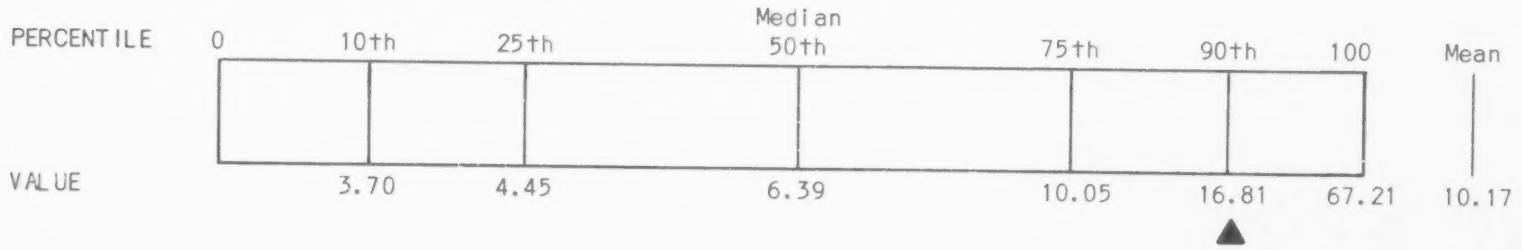
For each indicator it is most useful to review the results of the statistical measures in conjunction with one another. Another look at Summary Table D indicates that the hypothetical library mentioned in Example A has a salary expenditures per capita figure equal to the mean figure (9.14) of the population group.

Therefore, while we may say that salary expenditures per capita are equal to the "average" for this population group, it remains true that for our hypothetical municipality, per capita salary expenditures are greater than or equal to 54% of the reporting municipalities in this population group.

Another illustration of the value of looking at more than one measure follows.

EXAMPLE B: In some cases, percentile values may be used effectively to qualify the minimal information provided by the range of values for an indicator and population group. For example, a library in a hypothetical municipality in the 1 to 1,999 population group (group 1) could have a total operating income of $16.81 per capita.

From Summary Table A, we see that 16.81 equals the value of the 90th percentile and falls almost one quarter of the way between the range (1.00 through 67.21) of total operating income per capita of all reporting libraries in this population group.



Based on this information, we may say, therefore, that even though the hypothetical library's total operating income per capita is only about one quarter as much as that of the library with the highest value in the population group ($67.21), it still has a total operating income per capita greater than or equal to that of 90% of the libraries in this population group.

Using Other Bases of Comparison

We urge readers not to restrict themselves to comparisons by population groupings. Other indicators or combination of indicators in the report or from other sources which measure municipal revenue capacity may be used to group similar libraries and to form the basis of comparison among them. From the Municipal Tables in this report, a reader may identify municipalities having similar values for one or more of the support and activity indicators and thereby establish a group of similar libraries, regardless of population served.

Section One: Summary Tables

TABLE A - TOTAL OPERATING INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	56	1.00 - 67.21	3.70	4.45	6.39	10.05	16.81	10.17
2,000 - 4,999	52	0.67 - 54.36	3.91	7.02	10.47	18.41	23.63	13.24
5,000 - 9,999	73	1.68 - 38.31	3.72	6.88	10.87	14.47	19.00	11.51
10,000 - 24,999	90	5.27 - 40.78	6.79	8.20	12.83	17.68	21.63	14.04
25,000 - 49,999	40	4.15 - 32.47	8.23	10.17	13.08	18.07	24.87	15.19
50,000 - 99,999	18	5.67 - 30.66	5.96	8.62	10.43	12.43	17.36	12.03

TABLE B - APPROPRIATED MUNICIPAL INCOME PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	56	0.98 - 55.39	2.86	4.02	5.43	8.89	13.79	8.88
2,000 - 4,999	52	0.67 - 39.28	3.82	6.27	9.50	15.90	21.34	11.25
5,000 - 9,999	73	1.55 - 37.55	3.63	6.53	10.29	14.22	17.63	10.81
10,000 - 24,999	90	0.62 - 34.00	6.09	8.02	12.49	17.28	19.70	13.33
25,000 - 49,999	40	2.78 - 30.28	8.12	9.70	12.18	16.45	24.27	14.04
50,000 - 99,999	18	5.56 - 30.18	5.94	8.35	10.09	12.21	17.36	11.79

TABLE C - TOTAL OPERATING EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	1.52 - 64.86	3.54	4.34	6.39	9.96	15.77	9.92
2,000 - 4,999	48	2.24 - 49.58	4.48	7.09	10.47	17.24	21.97	13.35
5,000 - 9,999	68	1.68 - 37.64	4.27	7.13	10.99	14.80	18.04	11.54
10,000 - 24,999	89	4.76 - 40.75	6.62	8.17	12.12	16.97	21.20	13.56
25,000 - 49,999	40	3.31 - 32.47	8.23	9.84	13.08	17.83	24.33	14.83
50,000 - 99,999	18	5.61 - 30.14	5.86	8.62	10.19	12.00	16.87	11.80

TABLE D - SALARY EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.00 - 36.37	1.08	2.15	2.94	4.79	8.71	5.03
2,000 - 4,999	48	1.03 - 28.68	2.32	4.05	6.05	10.44	14.24	7.92
5,000 - 9,999	68	0.85 - 25.46	2.57	4.43	6.97	8.98	11.57	7.22
10,000 - 24,999	89	1.83 - 28.43	4.17	5.63	8.65	11.52	14.13	9.14
25,000 - 49,999	40	2.32 - 22.00	5.35	6.42	9.24	12.34	17.73	10.12
50,000 - 99,999	18	3.83 - 21.62	4.24	6.21	7.72	8.98	12.37	8.68

TABLE E - SALARY EXPENDITURES AS PERCENT (%) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0 - 76	23	40	49	58	67	47
2,000 - 4,999	48	35 - 75	45	53	59	63	69	58
5,000 - 9,999	68	45 - 72	52	59	62	66	70	62
10,000 - 24,999	89	38 - 79	58	63	68	71	74	67
25,000 - 49,999	40	51 - 78	61	64	69	71	74	68
50,000 - 99,999	18	58 - 81	66	72	74	77	80	74

TABLE F - MATERIALS EXPENDITURES PER CAPITA ($)

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	0.45 - 20.69	1.00	1.41	1.98	3.15	4.12	2.96
2,000 - 4,999	48	0.50 - 11.63	1.37	1.99	2.44	4.35	5.48	3.22
5,000 - 9,999	68	0.34 - 7.07	1.06	1.47	2.47	3.28	3.90	2.58
10,000 - 24,999	89	1.00 - 5.91	1.31	1.73	2.47	3.22	4.16	2.60
25,000 - 49,999	40	0.52 - 5.31	1.23	1.65	2.17	2.92	3.44	2.38
50,000 - 99,999	18	1.01 - 5.03	1.05	1.17	1.36	1.65	2.67	1.71

TABLE G - MATERIALS EXPENDITURES AS PERCENT ($) OF TOTAL OPERATING EXPENDITURES

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	54	20 - 87	21	22	29	34	49	32
2,000 - 4,999	48	14 - 55	21	22	25	27	33	26
5,000 - 9,999	68	16 - 35	19	20	22	25	28	23
10,000 - 24,999	89	14 - 32	16	17	19	21	24	20
25,000 - 49,999	40	13 - 23	14	14	16	18	19	16
50,000 - 99,999	18	12 - 19	12	13	13	16	18	14

TABLE H - HOLDINGS PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	57	3.29 - 84.55	4.05	5.85	8.81	13.83	23.74	12.61
2,000 - 4,999	50	2.75 - 25.05	3.25	4.11	6.19	8.03	11.49	7.39
5,000 - 9,999	70	1.43 - 10.02	2.56	3.24	4.38	5.94	7.17	4.71
10,000 - 24,999	90	1.16 - 13.35	2.24	2.94	3.75	4.74	5.78	4.01
25,000 - 49,999	40	0.66 - 12.47	1.54	3.05	3.83	5.07	6.57	4.18
50,000 - 99,999	18	1.75 - 7.12	2.12	2.60	3.35	4.12	4.61	3.54

TABLE I - CIRCULATION PER CAPITA

range, 10th percentile, 25th percentile, median, 75th percentile, 90th percentile, and mean for Massachusetts public libraries, by population of area served (excludes 3 municipalities with populations of more than 100,000), Fiscal Year 1986

Population of Area Served	Number of Reporting Municipalities	Range	10th Percentile	25th Percentile	Median	75th Percentile	90th Percentile	Mean
1 - 1,999	57	1.93 - 50.97	3.83	4.81	6.69	9.77	13.99	9.22
2,000 - 4,999	50	1.59 - 33.48	3.47	5.29	6.62	10.76	16.34	8.83
5,000 - 9,999	70	0.88 - 20.69	2.52	4.12	5.86	7.89	11.39	6.51
10,000 - 24,999	90	2.35 - 15.32	3.39	4.65	7.02	8.86	11.70	7.14
25,000 - 49,999	40	0.86 - 16.99	2.58	4.41	5.71	7.14	9.92	6.24
50,000 - 99,999	18	1.32 - 8.42	1.50	2.21	3.69	5.17	7.21	4.05

Section Two: Data for Individual Municipalities

Population Group I
(1-1,999)

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ALFORD	394	341	W	1.00	1.00											
2. ASHFIELD	1,458	297	W	9.56	4.23	8.58	4.43	52	1.74	20	7.19	8.99	15	15	20	0.8
3. BECKET	1,339	299	W	5.88	4.07	5.88	1.12	19	1.23	21	26.30	11.47	12	14	15	0.4
4. BERNARDSTON	1,750	287	W								11.79	6.71			10.5	1.0
5. BLANDFORD	1,038	313	W	10.03	10.03	9.80	4.57	47	2.88	29	7.64	19.88	21	21	18	0.5
6. BUCKLAND	1,864	284	W	6.38	5.43	6.38	1.74	27	1.56	25	6.47	3.59	12.5	12.5	12.5	0.4
7. CHARLEMONT	1,149	308	W	3.98	2.83	3.70	2.72	73	0.83	22	10.18	6.66	10	10	10	0.3
8. CHESTER	1,123	310	W	8.09	5.17	7.09	4.42	62	1.43	20	9.19	4.69	15	15	20	0.6
9. CHESTERFIELD	1,000	316	W	6.47	6.47	6.40	3.81	60	1.99	31	8.60	5.71	15	15	15	0.4
10. CHILMARK	489	338	E	67.21	55.39	64.86	36.37	56	20.69	32	48.97	48.17	21	23	28.5	1.6
11. CLARKSBURG	1,871	283	W	4.07	3.90	4.07	2.15	53	1.80	44	4.82	9.63	26	15	25	0.7
12. COLRAIN	1,552	294	W	7.56	6.37	7.26	2.56	35	1.88	26	5.19	4.13	15	15	15	0.5
13. CONWAY	1,213	304	W								11.87	11.74			15	0.7
14. CUMMINGTON	657	328	W	5.84	5.24	5.84	0.12	2	3.70	63	14.33	9.12	10	10	20.0	0.6
15. DUNSTABLE	1,671	290	E	8.16	7.10	7.89	4.69	59	2.74	35	11.34	7.74	15	16.5	20	1.2
16. EAST BROOKFIELD	1,955	282	C	7.75	7.37	7.37	5.26	71	1.48	20	5.54	10.01	30	30	30	0.9
17. EGREMONT	1,311	301	W	3.95	3.95	3.95	2.93	74	0.99	25	6.42	2.52	13	13	13	0.4
18. ERVING	1,326	300	W	6.30	6.30	6.30	2.38	38	3.85	61	17.11	5.49	10	10	6	0.3
19. FLORIDA	730	323	W	3.76	3.76	3.76	0.55	15	3.21	85	11.26	10.16	12	2	12	0.3
20. GAY HEAD	220	347	E	30.80	30.80	30.11	16.70	55	11.60	39	23.03	11.38	10	10	10	0.3
21. GILL	1,259	303	W													
22. GOSHEN	651	329	W	6.68	4.38	6.22	2.76	44	3.15	51	9.37	11.37	10	10	10	0.3
23. GOSNOLD	63	351	E													
24. GRANVILLE	1,204	305	W	10.00	10.00	10.00	4.21	42	2.98	30			17	12		
25. HANCOCK	643	331	W													
26. HAWLEY	280	345	W			Does not have a public library.										

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HEATH	482	339	W	12.81	12.55	12.81	8.09	63	4.26	33	31.44	15.69	11	11	15	0.4
28. HINSDALE	1,707	288	W	4.30	2.87	4.30	1.27	30	1.07	25	3.95	9.81	11	11	11	0.3
29. HOLLAND	1,589	292	W	3.40	3.40	3.39	1.21	36	1.36	40	4.09	3.78	10	10	10	0.3
30. HUBBARDSTON	1,797	286	C	6.88	6.75	6.39	2.75	43	1.90	30	5.70	4.49	18	12	18	0.5
31. HUNTINGTON	1,804	285	W	5.37	5.37	5.21	2.21	42	1.07	21	4.83	4.87	13	13	13	0.9
32. LEVERETT	1,471	296	W	3.42	3.42	3.42	2.10	61	1.04	30	3.89	3.87	18	15	16.5	0.5
33. LEYDEN	498	337	W	7.63	7.63	7.30	4.17	57	1.68	23	8.90	9.12	10	10	10	0.3
34. MIDDLEFIELD	385	342	W	3.61	3.61	3.35	1.04	31	2.25	67	20.53	7.76	11	7.5	11	0.3
35. MILLVILLE	1,693	289	C	5.14	5.14											
36. MONROE	179	348	W								25.39	8.73			2	0.1
37. MONTEREY	818	322	W	15.84	15.84	15.84	9.11	58	3.15	20	7.70	6.33	11	11	18	0.6
38. MONTGOMERY	637	332	W			Has no year-round public library.										
39. MOUNT WASHINGTON	93	350	W								27.63	4.78			0.3	0.0
40. NEW ASHFORD	159	349	W			Does not have a public library.										
41. NEW BRAINTREE	671	327	C	4.02	4.02	4.02	0.39	10	3.49	87	7.42	15.06	10	10	15	0.4
42. NEW MARLBOROUGH	1,160	307	W	5.53	4.74	4.87	2.39	49	1.00	21	3.79	6.09	11	15	14	0.4
43. NEW SALEM	688	326	W	5.48	5.10	5.29	2.15	41	1.56	29	12.44	7.05	16	16	11.5	0.6
44. OAK BLUFFS	1,984	280	E	18.25	15.65	15.65	11.95	76	3.23	21	5.59	6.64	20.5	32.5	26	2.0
45. OAKHAM	994	317	C	10.05	9.85	10.05	5.74	57	2.08	21	15.74	11.51	17	14.5	16.5	0.8
46. OTIS	963	318	W													
47. PELHAM	1,112	311	W	5.38	4.37	4.37	2.14	49	1.98	45	6.84	4.14	14	14	10	0.3
48. PERU	633	333	W	1.70	0.98	1.52	0.00	0	0.45	30	8.71	3.90	10	10	0.0	0.0
49. PETERSHAM	1,024	314	C	22.99	2.61	21.92	6.71	31	5.10	23	17.39	8.84	23.5	23.5	13.5	0.8
50. PHILLIPSTON	953	320	C	4.61	4.19	3.41	1.47	43	1.11	33	8.94	5.04	10	10	10	0.3
51. PLAINFIELD	425	340	W	11.47	11.47	9.88	5.39	55	3.90	39	19.21	13.52	13.5	13.5	15	0.4
52. PLYMPTON	1,974	281	E	11.39	11.39	10.96	6.43	59	3.21	29	7.27	6.56	28	28	30	1.4

POPULATION GROUP I (1 - 1,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS OPEN WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
53. RICHMOND	1,659	291	W	4.45	4.45	4.45	3.19	72	0.89	20	3.53	6.09	11	11	11	0.5
54. ROWE	336	344	W	48.92	48.92	48.92	25.37	52	12.76	26	84.55	50.97	15	15	15	0.6
55. ROYALSTON	955	319	C	8.12	8.12	8.11	2.90	36	2.43	30	8.69	4.86	15	15	15	0.4
56. RUSSELL	1,570	303	W	5.84	5.84	5.59	3.13	56	1.71	31	3.29	3.50	21.5	21.5	10	0.8
57. SANDISFIELD	720	324	W	6.39	6.39	6.39	4.33	68	1.74	27	7.36	6.56	14	16	12	0.4
58. SAVOY	644	330	W													
59. SHUTESBURY	1,049	312	W	4.40	2.10	3.99	1.77	44	0.90	23	4.53	1.93	10	11	8	0.2
60. TOLLAND	235	346	W													
61. TRURO	1,486	295	E	10.02	9.70	10.02	4.30	43	3.14	31	11.55	5.71	14	24	19	0.6
62. TYRINGHAM	344	343	W													
63. WALES	1,177	306	W	5.36	5.19	5.54	2.20	40	1.95	35	6.29	3.84	12	12	15	0.4
64. WARWICK	603	334	W	12.30	8.16	9.90	4.87	49	2.48	25	14.28	9.00	10	10	10	0.3
65. WASHINGTON	587	336	W	Does not have a public library.												
66. WENDELL	694	325	W	6.20	6.20	6.20	2.94	47	1.39	22	12.47	4.01	10	10	10	0.3
67. WEST STOCKBRIDGE	1,280	302	W	4.17	4.00	4.15	2.17	52	1.59	38	4.64	6.27	14	14	14	0.4
68. WEST TISBURY	1,010	315	E	37.60	37.60	31.97	20.14	63	7.04	22	14.50	21.52	16	22	20	1.8
69. WESTHAMPTON	1,137	309	W	10.94	8.89	10.47	4.62	44	2.71	26	7.88	8.01	16	16	16	0.6
70. WHATELY	1,341	298	W	10.91	10.91	10.91	5.36	49	2.29	21	11.28	8.79	16	14	25	1.3
71. WINDSOR	598	335	W													
72. WORTHINGTON	932	321	W	10.92	6.11	9.89	4.09	41	2.18	22	10.01	7.58	15	15	15	0.5

Population Group II
(2,000 - 4,999)

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ASHBURNHAM	4,075	238	C	10.15	8.43	10.15	6.18	61	2.17	21	5.50	7.34	49	49	40	2.4
2. ASHBY	2,311	273	C	3.82	3.82											
3. BARRE	4,102	237	C	12.38	10.17	12.38	7.02	57	3.27	26	5.85	4.23	25	25	35	2.1
4. BERKLEY	2,731	266	E	4.53	4.53	4.53	2.59	57	1.15	25	4.43	2.44	18	11	18	0.9
5. BERLIN	2,215	276	C	10.63	9.88	10.00	6.82	68	2.31	23	3.96	5.95	22	16	20	1.3
6. BOLTON	2,530	267	C	9.85	9.85	9.84	5.38	55	2.09	21	5.61	5.77	16	16	25	1.3
7. BOXBOROUGH	3,126	256	C	8.95	8.88	8.94	5.58	62	2.44	27	6.39	8.06	24	23	18	1.7
8. BOYLSTON	3,470	252	C	19.72	17.23	17.57	10.44	59	4.75	27	5.86	6.73	30.5	30.5	35	3.1
9. BRIMFIELD	2,318	272	C	6.45	6.45											
10. BROOKFIELD	2,397	269	C	8.11	7.27	8.11	4.23	52	2.10	26	6.19	5.55	21	21	21	0.9
11. CARLISLE	3,306	253	E	22.89	21.64	21.53	14.14	66	5.76	27	8.45	18.71	58	58	37	3.6
12. CHESHIRE	3,124	257	W	3.01	1.94	2.29	1.03	45	1.24	54	9.15	4.08	16	16	15.0	0.4
13. DEERFIELD	4,517	230	W	7.54	7.20	7.25	4.05	56	2.31	32	9.96	6.00	28	26	15	1.8
14. DOUGLAS	3,730	248	C	6.71	6.27	6.18	4.00	65	1.40	23	3.92	3.24	24	21	21	2.1
15. DOVER	4,703	228	E	16.68	15.90	15.24	8.33	55	3.63	24	8.11	7.37	50	36	37	3.4
16. EASTHAM	3,472	251	E	18.41	17.48	18.14	11.77	65	4.57	25	5.05	14.69	38	46	35	2.7
17. EDGARTOWN	2,204	278	E	54.36	39.28	49.58	28.68	58	11.63	23	15.94	16.34	34.5	40	26.5	4.4
18. ESSEX	2,998	261	E	7.17	5.37	7.17	4.58	64	1.88	26	4.92	6.33	27	22	27	1.1
19. HADLEY	4,125	236	W	7.20	6.91	6.37	3.57	56	1.57	25	3.51	4.79	38	38	35	1.3
20. HAMPDEN	4,745	227	W	6.93	6.41	6.41	4.12	64	1.71	27	3.16	5.89	26	21	26.5	2.2
21. HARDWICK	2,272	274	W	7.09	3.87	7.09	2.47	35	1.77	25	6.31	3.47	18.5	20	15	0.8
22. HATFIELD	3,045	259	W	6.62	6.62	6.55	3.16	48	2.00	31	8.71	6.62	15	8	20	1.0
23. HOPEDALE	3,905	242	C	20.10	17.91	17.24	8.67	50	4.08	24	7.55	9.14	30	22	30	3.4
24. LANESBOROUGH	3,131	255	W	2.24	2.15	2.24	1.69	75	0.50	22	3.17	4.34	15	15	15	0.6
25. MARION	3,932	241	E	17.20	13.09	15.80	8.87	56	4.83	31	7.81	10.98	36.5	36.5	40	3.1
26. MASHPEE	3,700	249	E	11.07	10.94	10.49	7.22	69	2.27	22	2.98	5.63	26	29	28	1.9

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. MENDON	3,108	258	C	4.25	3.76	4.25	1.54	36	2.34	55	6.78	1.59	19	15	14.5	0.6
28. MERRIMAC	4,451	231	E	12.33	12.12	11.79	8.40	71	2.50	21	4.86	6.85	52	48	40	3.9
29. MIDDLETON	4,135	235	E	19.66	19.66	19.66	12.40	63	4.35	22	7.94	7.22	50	30	30	4.3
30. NAHANT	3,947	240	E	20 09	20.09	20.09	12.45	62	4.41	22	19.40	13.44	35	51	40	4.1
31. NEWBURY	4,529	229	E	10.75	10.75	10.75	7.26	68	2.18	20	2.75	5.21	37	30	33.5	3:1
32. NORTH BROOKFIELD	4,150	233	C	8.81	7.33						6.83	5.74			24	1.6
33. NORTHFIELD	2,386	270	W	18.61	17.31	17.04	10.49	62	3.71	22	11.49	13.52	31	31	40	2.6
34. PAXTON	3,762	247	C	10.67	9.50	10.60	6.17	58	2.97	28	5.13	6.32	34	20	35	2.4
35. PRINCETON	2,425	268	C	11.77	9.98	11.56	5.89	51	3.79	33	5.76	11.84	21	18	17	1.5
36. PROVINCETOWN	3,536	250	E	28.96	26.94	28.01	16.93	60	5.87	21	3.58	5.51	45	45	40	4.7
37. ROCHESTER	3,205	254	E	3.82	3.82	3.64	1.44	40	0.85	23	3.25	2.80	15	15	16	0.5
38. ROWLEY	3,867	245	E	10.47	10.47	10.47	6.05	58	2.66	25	7.19	4.68	23	23	27.5	2.5
39. RUTLAND	4,334	232	C	8.63	6.40	8.62	3.78	44	3.04	35	3.61	5.40	29	25.5	22	2.6
40. SHEFFIELD	2,743	265	W	14.54	14.54	14.52	9.04	62	3.40	23	10.64	6.65	27	27	40	1.8
41. SHELBURNE	2,002	279	W	10.95	5.71	11.11	5.87	53	3.80	34	23.81	14.46	18	18	15	1.3
42. SHERBORN	4,049	239	E	23.98	23.82	23.69	14.60	62	4.75	20	10.41	10.53	56	43	37.5	5.4
43. SOUTHAMPTON	4,137	234	W	10.40	9.56	9.33	5.76	62	2.29	25	4.24	7.93	18	18	22	2.1
44. STOCKBRIDGE	2,328	271	W	44.80	9.77	44.80	23.63	53	6.19	14	25.05	24.95	51	53	40	5.0
45. SUNDERLAND	2,929	263	W	5.92	5.80	5.92	3.39	57	1.72	29	3.89	5.12	18	18	19	0.9
46. TISBURY	2,972	262	E													
47. UPTON	3,886	244	C	7.28	6.79	7.13	4.93	69	1.99	28	7.59	6.67	42	42	40	2.0
48. WARREN	3,777	246	C	10.58	8.43	9.52	4.38	46	2.34	25	3.83	5.35	26.5	29.5	35	1.8
49. WELLFLEET	2,209	277	E	29.57	28.28	29.57	21.66	73	6.48	22	11.58	23.81	34	34	35	3.3
50. WENHAM	3,897	243	E	23.81	21.69	21.41	13.09	61	5.40	25	7.58	20.25	33	29	32.5	3.9
51. WEST BROOKFIELD	3,026	260	C	7.02	3.84	7.02	4.22	60	1.40	20	6.06	11.39	24	24	19	1.4
52. WEST NEWBURY	2,861	264	E	20.27	18.69	19.16	12.10	63	4.80	25	7.46	33.48	36	29	40	2.8

POPULATION GROUP II (2,000 - 4,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS OPEN WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
53. WILLIAMSBURG	2,237	275	W	0.67	0.67						6.22	7.21			20	1.3

Population Group III
(5,000-9,999)

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	OPEN SUM	HRS IN WORK WEEK	FTE
1. ACUSHNET	8,704	164	E	2.55	1.94	2.17	1.44	67	0.34	16	2.38	2.20	15	15	20	1.5
2. ASHLAND	9,165	157	E	6.12	6.05						3.92	4.52			35	4.1
3. AVON	5,026	226	E	14.80	14.21	14.80	8.98	61	3.11	21	7.03	5.56	49	42.5	35	3.9
4. AYER	6,993	184	C	10.32	10.11	9.71	5.45	56	2.43	25	2.74	3.49	45	45	40	3.8
5. BELCHERTOWN	8,339	169	W	4.42	4.27	4.26	2.30	54	1.06	25	2.56	3.22	25	15	30	2.3
6. BLACKSTONE	6,570	192	C	3.33	3.33	3.29	2.36	72	0.82	25	2.66	1.11	25	14	25	1.4
7. BOXFORD	5,374	217	E	19.43	17.64	19.43	11.51	59	4.59	24	7.03	8.77	58	58	40	5.7
8. BREWSTER	5,226	220	E	19.71	16.09	16.96	9.88	58	3.86	23	4.20	11.51	34	29	35	5.7
9. CARVER	6,988	185	E	8.00	7.96	7.96	4.82	61	1.92	24	3.02	5.25	38	38	35	2.9
10. CHARLTON	6,719	191	C	3.57	3.49											
11. CHATHAM	6,071	202	E	12.57	9.33	12.36	7.03	57	2.81	23	6.40	13.74	34	34	35	3.8
12. COHASSET	7,174	179	E	26.37	25.75	26.37	18.14	69	6.33	24	7.26	12.14	53	50	35	7.7
13. DALTON	6,797	190	W	10.39	10.39	10.09	6.60	65	2.55	25	4.92	7.75	37.5	37.5	40	3.8
14. DIGHTON	5,352	218	E	2.66	2.66											
15. DUDLEY	8,717	163	C	7.13	7.10	7.13	4.43	62	1.37	19	3.43	5.18	51	48	40	3.3
16. EAST BRIDGEWATER	9,945	152	E	13.90	13.45	12.79	8.94	70	2.47	19	5.04	4.47	52	47	35	8.1
17. FREETOWN	7,058	182	E	3.62	2.97	3.07	1.48	48	1.07	35	3.05	2.85	28	28	10	1.3
18. GEORGETOWN	5,687	210	E	12.32	12.23	12.08	6.76	56	3.10	26	8.06	8.53	31	27	30	3.1
19. GRANBY	5,380	216	W	6.82	6.82	6.40	4.33	68	1.26	20	3.63	3.95	29.5	25.5	35	2.3
20. GREAT BARRINGTON	7,405	174	W	15.24	14.48	14.88	8.39	56	3.30	22	10.02	9.02	49	48.5	40	6.3
21. GROTON	6,154	201	C	13.45	13.44	13.41	9.17	68	2.80	21	7.67	7.03	35	25	36	5.2
22. GROVELAND	5,040	225	E	8.47	6.46	8.47	4.43	52	2.81	33	4.21	6.43	26	23	28	2.4
23. HALIFAX	5,513	213	E	11.31	10.99	10.99	7.30	66	2.45	22	4.20	5.86	46	46	40	3.6
24. HAMILTON	6,960	187	E	17.98	17.98	17.88	10.56	59	4.89	27	5.44	7.82	46	35	40	5.6
25. HANSON	8,617	165	E	5.19	5.12	4.92	3.41	69	1.04	21	2.62	3.11	40	34	35	2.4
26. HARWICH	8,971	159	E	12.97	10.65	11.67	6.52	56	2.62	22	6.45	12.62	46	48	35	6.1

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. HOPKINTON	7,114	180	C	13.70	12.43						4.32	9.69			35	5.5
28. HULL	9,714	153	E	7.43	7.43	7.43	5.21	70	1.46	20	5.15	3.38	52	48	35	3.8
29. KINGSTON	7,362	176	E	14.23	14.23	13.90	9.13	66	3.12	22	5.76	6.65	37.5	32.5	35	4.9
30. LAKEVILLE	5,931	206	E	5.48	5.48	4.69	3.08	66	0.79	17	2.11	2.31	24	24	22	1.9
31. LANCASTER	6,334	197	C	16.99	13.03	16.35	8.40	51	3.51	21	7.17	4.78	40	37	35	4.5
32. LEE	6,247	198	W	16.65	14.79	15.07	7.56	50	3.15	21	8.18	6.77	38	38	35	3.5
33. LEICESTER	9,446	155	C	5.43	5.43	5.32	3.32	62	1.34	25	1.83	2.52	35	28	32	3.0
34. LENOX	6,523	193	W													
35. LINCOLN	7,098	181	E	38.31	37.55	37.64	25.46	68	7.07	19	9.44	11.99	59.5	52.5	40	12.0
36. LITTLETON	6,970	186	C	12.19	11.70	12.12	7.34	61	3.46	29	6.95	9.94	47	47	35	5.3
37. LUNENBURG	8,405	167	C	11.41	10.95	11.26	7.72	69	2.34	21	3.29	6.56	48	44	37.5	4.9
38. MANCHESTER	5,424	215	E	20.10	18.58	20.05	12.09	60	4.04	20	8.69	9.81	45	39	37.5	4.2
39. MATTAPOISETT	5,597	212	E	8.02	7.61	7.61	4.75	62	1.51	20	3.57	5.50	28	33	28	3.4
40. MAYNARD	9,590	154	E	10.57	10.57	10.57	7.29	69	2.01	19	3.75	3.33	35	35	35	4.5
41. MEDWAY	8,447	166	E	11.53	11.53	11 3	7.27	63	2.20	19	4.38	6.78	47	40	40	4.9
42. MILLIS	6,908	188	E	10.04	9.77	9.77	7.01	72	2.17	22	6.00	5.91	42	37	35	5.2
43. MONSON	7,315	177	W	10.90	9.34	10.61	6.97	66	2.30	22	3.93	3.41	51	44	35	4.2
44. MONTAGUE	8,011	171	W	11.87	11.84	11.50	7.81	68	2.55	22	6.32	5.19	43.5	40	35	4.3
45. NANTUCKET	5,087	224	E													
46. NORFOLK	6,363	194	E	15.96	15.55	15.55	9.75	63	3.52	23	2.79	9.76	48	38	35	4.5
47. NORWELL	9,182	156	E	17.07	16.74	16.73	11.11	66	3.18	19	4.40	7.66	51	44	37.5	7.5
48. ORANGE	6,844	189	W	10.83	9.74	10.14	6.12	60	2.42	24	4.85	5.35	41.5	41.5	35	3.5
49. ORLEANS	5,306	219	E	24.29	22.48	23.34	14.24	61	5.11	22	4.98	20.69	43	36	40	7.8
50. PEPPERELL	8,061	170	C	14.54	14.45	14.54	9.43	65	2.76	19	3.40	6.90	40	37	40	5.8
51. PLAINVILLE	5,857	207	E	3.94	3.94	3.75	1.70	45	1.15	31	1.99	1.61	29	29	22.5	1.3
52. RAYNHAM	9,085	158	E	4.31	4.02	4.27	2.62	61	0.91	21	2.89	4.17	36	24	25	2.5

POPULATION GROUP III (5,000 - 9,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. REHOBOTH	7,570	173	E	1.68	1.55	1.68	0.85	51	0.43	26	1.43	0.88	25	16	35	1.0
54. ROCKPORT	6,345	196	E	16.31	15.41	16.31	11.80	72	3.76	23	6.50	11.02	35	35	35	6.2
55. SALISBURY	5,973	205	E	9.28	9.28	9.28	5.71	62	2.32	25	4.42	7.17	49	49	37	3.4
56. SANDWICH	8,727	162	E	21 57	18.80	21.57	14.21	66	3.81	18	4.63	7.98	42	42	35	9.1
57. SHIRLEY	5,124	223	C	6.10	5.49	5.32	3.27	62	1.47	28	5.30	2.25	27	27	26	1.9
58. SOUTHBOROUGH	6,193	200	C	17.93	17.59	17.69	12.25	69	3.79	21	6.90	11.57	48	41	40	5.1
59. SOUTHWICK	7,382	175	W	5.31	4.99	5.21	2.75	53	1.52	29	2.04	4.48	39	35	35	2.5
60. STERLING	5,440	214	C	13.88	13.88	13.88	8.60	62	3.61	26	4.21	7.94	40	40	40	3.8
61. STOW	5,144	221	E	12.65	10.61	11.76	5.93	50	3.28	28	5.87	4.88	42	38	35	2.5
62. STURBRIDGE	5,976	204	C	7.06	6.76	7.06	4.65	66	1.38	20	2.89	6.82	48	48	20	2.8
63. SUTTON	5,855	208	C	5.10	5.03	5.07	3.01	59	1.30	26	3.24	3.69	27	27	23	1.9
64. TEMPLETON	6,070	203	C	3.40	3.04											
65. TOPSFIELD	5,709	209	E	20.48	20.22	18.64	11.28	61	4.33	23	6.41	11.39	46	41	37.5	5.9
66. TOWNSEND	7,201	178	C	7.75	7.62	7.55	4.52	60	1.83	24	3.23	5.62	32	25	32	2.9
67. TYNGSBOROUGH	5,683	211	E	7.12	6.94	7.12	4.18	59	1.95	27	3.08	5.67	35	25	35	2.2
68. UXBRIDGE	8,374	168	C	10.26	8.49	10.33	6.25	60	2.76	27	5.40	7.05	30	30	35	5.4
69. WARE	8,953	160	W	9.76	7.22	10.13	5.72	56	2.01	20	4.84	6.24	33	33	35	4.0
70. WEST BOYLSTON	6,204	199	C	16.94	15.17	15.39	10.43	68	3.31	21	5.28	4.91	29.5	23	35	5.5
71. WEST BRIDGEWATER	6,359	195	E	14.22	14.22	14.22	8.98	63	2.78	20	4.83	4.05	34	29	35	3.8
72. WESTMINSTER	5,139	222	C	13.18	13.13	13.18	8.75	66	2.49	19	4.68	7.25	41	35	35	3.4
73. WILLIAMSTOWN	8,741	161	W	10.34	10.17	9.00	5.65	63	1.84	20	3.55	7.64	43	40	37.5	4.5
74. WINCHENDON	7,019	183	C	8.86	6.71	7.35	5.10	69	1.42	19	3.79	5.22	35	35	37	2.9
75. WRENTHAM	7,580	172	E	12.59	12.59	12.41	7.55	61	3.15	25	3.30	5.51	51.5	47.5	35	4.0

Population Group IV
(10,000-24,999)

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. ABINGTON	13,517	119	E	10.19	9.79	10.21	7.36	72	2.13	21	2.96	4.68	53	42.5	35	6.7
2. ACTON	17,544	91	E	16.94	16.46	16.72	13.14	79	3.07	18	3.68	10.37	67	56	40	13.4
3. ADAMS	10,381	150	W	10.97	10.22	10.68	7.73	72	2.12	20	3.83	7.85	55	55	35	5.7
4. AMESBURY	13,971	112	E	15.54	15.54	15.44	11.29	73	3.16	20	7.16	8.35	58	58	35	11.5
5. ATHOL	10,634	148	C	14.24	13.96	13.29	9.33	70	2.48	19	3.35	7.98	62	53	40	8.6
6. AUBURN	14,845	107	C	18.52	18.39	18.14	11.00	61	3.37	19	3.58	8.48	61.5	51.5	35	11.4
7. BEDFORD	13,067	125	E	26.04	26.04	25.95	17.38	67	5.23	20	5.28	8.99	67	64	40	14.3
8. BELLINGHAM	14,300	109	E	5.27	5.27	5.27	3.33	63	1.47	28	1.82	3.20	48	42	35	3.7
9. BOURNE	13,874	113	E	12.14	12.14	11.94	8.59	72	1.93	16	3.47	5.76	58	58	37.5	9.2
10. BRIDGEWATER	17,202	94	E	17.61	16.75	16.57	11.69	71	2.60	16	4.20	7.50	58	43	35	14.7
11. BURLINGTON	23,486	68	E	12.18	12.00	11.90	8.52	72	2.39	20	2.79	5.09	63	52	35	13.0
12. CANTON	18,182	87	E	18.45	17.94	18.29	13.08	72	3.34	18	4.44	6.27	51.5	51.5	35	13.6
13. CLINTON	12,771	127	C	8.01	8.01	7.52	4.93	66	1.29	17	7.16	3.35	43	42	37	5.6
14. CONCORD	16,293	101	E	40.78	34.00	40.75	28.43	70	5.91	14	13.35	15.32	71	60	37.5	28.1
15. DANVERS	24,100	65	E	16.50	14.68	16.50	11.57	70	3.40	21	4.77	8.82	64	60	37.5	18.4
16. DARTMOUTH	23,966	66	E	12.87	12.81	12.87	9.18	71	1.96	15	4.14	7.14	63	63	35	16.8
17. DENNIS	12,360	130	E	7.51	3.55	4.76	1.83	38	1.14	24	4.70	5.09	40.5	38	35	2.7
18. DRACUT	21,249	73	E	9.43	9.35	9.35	6.02	64	1.57	17	2.54	3.50	55	46	35	8.6
19. DUXBURY	11,807	137	E	21.63	19.70	21.55	12.98	60	4.10	19	5.31	9.56	62	58	35	11.0
20. EAST LONGMEADOW	12,905	126	W	17.82	17.77	17.22	11.33	66	2.84	16	4.29	10.98	62	52	37	11.4
21. EASTHAMPTON	15,580	105	W	6.60	4.84	6.54	4.55	70	1.00	15	2.24	3.80	50.5	50.5	35	5.2
22. EASTON	16,623	96	E	6.79	0.62	7.06	3.77	53	1.19	17	2.91	3.93	50	28	35	6.2
23. FAIRHAVEN	15,759	103	E	12.36	11.26	11.90	5.99	50	2.72	23	5.78	4.66	60	60	37	8.6
24. FALMOUTH	23,640	67	E	21.19	18.94	21.16	14.39	68	3.50	17	5.14	12.41	51	56	37.5	24.6
25. FOXBOROUGH	14,148	110	E	17.73	17.39	16.31	11.17	68	3.26	20	4.35	7.64	52	52	35	11.4
26. FRANKLIN	18,217	86	E	8.22	8.22	7.93	5.64	71	1.36	17	2.66	5.91	58	51	35	7.5

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. GARDNER	17,900	90	C	14.13	12.53	14.13	9.16	65	2.59	18	3.28	8.30	62.5	54.5	37.5	11.9
28. GRAFTON	11 238	143	C	7.68	7.68	7.31	4.20	57	2.22	30	4.13	3.87	41	34	35	4.3
29. GREENFIELD	18,436	85	W	11.85	11.68	11.41	8.64	76	1.73	15	5.23	6.26	54	41	37.5	10.8
30. HANOVER	11,358	141	E	11.54	10.84	11.47	7.69	67	2.54	22	4.92	7.58	51	44	35	6.3
31. HARVARD	12,170	133	C	7.23	6.70	7.23	3.88	54	2.12	29	2.50	3.43	49	43	30	4.0
32. HINGHAM	20,339	77	E	26.16	22.19						8.90	15.31			35	22.5
33. HOLBROOK	11,140	146	E	12.83	11.62	11.61	7.66	66	2.35	20	3.75	5.40	40	40	37.5	6.5
34. HOLDEN	13,336	123	C	16.01	15.67	15.06	10.17	68	2.47	16	3.20	9.93	52	41	35	9.0
35. HOLLISTON	12,622	129	E	8.71	8.55	8.49	5.94	70	1.53	18	3.48	6.89	52	44	37.5	5.7
36. HUDSON	16,408	97	C	12.31	12.21	12.17	8.81	72	2.28	19	2.83	7.57	61	53	37.5	10.1
37. IPSWICH	11,158	145	E	14.82	14.82	14.82	10.39	70	2.93	20	5.24	8.30	54.5	42	37.5	8.4
38. LONGMEADOW	16,301	100	W	14.56	13.47	14.42	8.65	60	2.88	20	3.87	12.64	57	50	36	11.0
39. LUDLOW	18,150	88	W	7.25	7.25	7.14	4.61	65	1.53	21	1.83	3.54	54.5	49.5	40	6.1
40. LYNNFIELD	11,267	142	E	20.25	19.42	20.25	13.64	67	4.80	24	6.01	11.97	67	56	35	9.6
41. MANSFIELD	13,453	121	E	10.00	9.91	9.72	6.62	68	2.07	21	2.96	6.13	52	45	36	6.9
42. MARBLEHEAD	20,126	79	E	22.53	22.53	22.38	15.52	69	4.09	18	4.57	11.59	64	60	40	21.7
43. MARSHFIELD	20,916	75	E	11.27	11.15	11.15	8.68	78	2.02	18	2.95	8.17	59	59	37.5	11.6
44. MEDFIELD	10,220	151	E	10.78	10.68	10.47	6.52	62	2.23	21	3.03	7.40	53.5	48.5	37.5	5.8
45. MIDDLEBOROUGH	16,404	98	E	9.44	7.98	8.87	5.56	63	1.95	22	6.70	4.26	50	50	37.5	7.6
46. MILFORD	23,390	69	C	15.47	15.47	15.47	9.62	62	4.14	27	1.16	3.08	62	54	35	17.5
47. MILLBURY	11,808	136	C	11.19	11.19	11.19	6.51	58	2.44	22	3.05	3.66	41	41	40	6.6
48. NEWBURYPORT	15,900	102	E	16.09	16.02	15.02	10.43	69	2.88	19	4.59	6.25	60	56	35	12.5
49. NORTH ADAMS	18,063	89	W	7.75	7.75	7.71	6.09	79	1.26	16	2.41	3.77	53	49	37.5	8.1
50. NORTH ANDOVER	20,129	78	E	14.02	12.93	13.95	9.26	66	2.51	18	3.16	5.91	67	56	38	11.3
51. NORTH ATTLEBOROUGH	21,095	74	E	7.47	7.33	7.33	5.17	70	1.31	18	1.63	3.82	50	39	37	9.4
52. NORTH READING	11,455	139	E	11.97	11.83	11.68	8.07	69	2.45	21	3.17	2.91	54	47	35	6.5

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
53. NORTHBOROUGH	10,568	149	C	24.07	22.89	24.07	14.58	61	5.10	21	4.97	11.99	54	54	40	11.3
54. NORTHBRIDGE	12,246	132	C	10.55	8.95	10.55	5.50	52	2.07	20	4.26	5.07	40.5	37.5	35	5.2
55. NORTON	12,690	128	E	6.61	5.88	6.61	4.44	67	1.33	20	2.13	3.20	44	40	37	5.0
56. OXFORD	11,680	138	C	9.64	9.54	8.44	6.04	72	1.63	19	2.33	3.04	40	36	35	6.0
57. PALMER	11,389	140	W	17.05	15.98	17.05	9.99	59	3.09	18	4.82	11.94	57	47	35	10.0
58. PEMBROKE	13,487	120	E	6.68	6.32	6.13	3.65	60	1.43	23	3.23	4.56	42	42	35	4.5
59. READING	22,678	70	E	19.35	18.54	18.08	12.40	69	3.18	18	4.40	12.30	67.5	60	37.5	18.7
60. ROCKLAND	15,695	104	E	7.74	7.46	7.71	5.56	72	1.46	19	2.43	5.25	54	47	35	8.9
61. SAUGUS	24,746	63	E	8.13	7.65	7.65	5.88	77	1.27	17	2.46	3.39	61.5	50.5	37.5	9.8
62. SCITUATE	17,317	93	E	15.51	15.09	14.98	10.07	67	2.58	17	3.91	8.56	56	52	35	9.6
63. SEEKONK	12,269	131	E	11 09	10.88	10.75	7.55	70	2.49	23	3.46	8.94	49	49	32.5	7.3
64. SHARON	13,601	117	E	19.35	19.28	19.35	12.38	64	4.46	23	4.69	10.34	50.5	50.5	37.5	11.2
65. SHREWSBURY	22,674	71	C	19.78	19.17	19.38	11.92	62	3.62	19	4.30	8.89	59	55	37.5	19.8
66. SOMERSET	18,813	82	E	12.49	12.49	12.06	8.41	70	2.22	18	3.98	6.69	71	68	35	12.3
67. SOUTH HADLEY	16,399	99	W	13.93	13.93	13.93	9.21	66	2.59	19	2.88	7.02	54	45	35	9.7
68. SOUTHBRIDGE	16,665	95	C	15.22	14.43	14.07	8.70	62	2.88	20	3.49	5.24	58	58	37.5	10.4
69. SPENCER	10,774	147	C	8.16	5.24	8.16	5.10	62	2.20	27	2.83	4.98	41	41	25	4.0
70. STONEHAM	21,424	72	E	15.81	15.81	15.47	10.83	70	2.46	16	3.62	7.46	62	51	35	14.5
71. SUDBURY	14,027	111	E	18.94	18.83	18.94	14.10	74	3.16	17	3.90	11.57	64	52	35	11.2
72. SWAMPSCOTT	13,837	114	E	17.53	17.16	17.48	12.78	73	3.27	19	5.48	7.75	60	52	35	11.3
73. SWANSEA	15,461	106	E	6.28	5.89	6.28	3.44	55	2.01	32	3.62	4.63	50	50	37.5	4.9
74. TEWKSBURY	24,635	64	E	6.58	6.38	6.57	4.56	69	1.24	19	1.72	2.86	58	51	37.5	6.4
75. WAKEFIELD	24,895	62	E	19.70	19.70	19.46	13.23	68	3.30	17	3.46	7.10	61	53	35	18.3
76. WALPOLE	18,859	81	E	13.82	13.55	13.66	9.04	66	3.25	24	5.04	7.15	63	55	35	12.8
77. WAREHAM	18,457	83	E	7.87	7.18	7.14	4.51	63	1.71	24	1.78	5.08	53	50	40	6.6
78. WAYLAND	12,170	133	E	23.84	23.48	23.84	17.56	74	4.32	18	5.86	12.20	67	57	35	12.3

POPULATION GROUP IV (10,000 - 24,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
79. WEBSTER	14,480	108	C	8.16	8.01	8.16	5.62	69	1.73	21	4.11	5.33	49	49	35	6.0
80. WESTBOROUGH	13,619	116	C	19.46	19.24	19.07	13.22	69	3.55	19	3.56	8.64	53	53	35	12.0
81. WESTFORD	13,434	122	E	20.78	19.55	19.64	13.80	70	3.23	16	3.89	7.37	59	44	37.5	13.4
82. WESTON	11,169	144	E	26.59	25.88	26.59	18.49	70	5.01	19	5.41	11.49	61	53	37.5	14.0
83. WESTPORT	13,763	115	E	6.68	6.60	6.62	4.48	68	1.11	17	2.24	5.06	48	48	37	4.9
84. WESTWOOD	13,212	124	E	29.52	29.45	27.14	20.00	74	4.34	16	7.42	11.07	67	60	35	15.9
85. WHITMAN	13,534	118	E	5.60	4.27	5.03	2.88	57	1.53	30	2.09	2.35	48.5	45.5	35	3.9
86. WILBRAHAM	12,053	135	W	14.26	13.93	13.77	7.93	58	2.69	20	4.39	7.89	59	52	35	8.6
87. WILMINGTON	17,471	92	E	14.04	14.04	13.42	10.53	78	2.49	19	4.43	6.58	60	52	35	13.3
88. WINCHESTER	20,701	76	E	26.95	26.41	26.52	18.10	68	4.40	17	5.84	11.70	63	44.5	35	21.8
89. WINTHROP	19,294	80	E	9.66	9.16	9.16	7.20	79	1.37	15	4.76	3.71	50	43	35	9.3
90. YARMOUTH	18,449	84	E	7.60	6.09	7.48	3.77	50	1.91	26	3.52	9.22	50.5	50.5	35	7.1

Population Group V
(25,000-49,999)

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS OPEN SUM	HRS IN WORK WEEK	FTE
1. AGAWAM	26,271	57	W	10.17	9.98	9.84	6.03	61	2.26	23	3.35	4.68	65	57	35	12.6
2. AMHERST	33,229	41	W	18.09	16.34	18.09	11.61	64	3.06	17	3.98	7.10	63	59	37.5	31.1
3. ANDOVER	26,370	56	E	25.53	25.53	26.10	17.73	68	5.03	19	7.47	11.95	71	60	37.5	30.5
4. ARLINGTON	48,219	22	E	18.07	17.56	17.83	12.49	70	2.92	16	3.52	7.14	67	53	35	39.1
5. ATTLEBORO	34,196	40	E	9.84	9.09	9.84	6.12	62	1.87	19	3.19	4.41	63	50.5	35	16.9
6. BARNSTABLE	30,898	43	E	25.17	16.30	24.33	12.34	51	3.95	16	5.08	10.50	65	65	35	28.5
7. BELMONT	26,100	58	E	24.87	24.87	24.85	18.39	74	3.44	14	5.28	9.92	69	65	35	27.9
8. BEVERLY	37,655	30	E	17.94	16.78	14.39	9.24	64	2.39	17	3.89	5.83	69	60	35	21.9
9. BILLERICA	36,727	32	E	8.23	8.12	8.23	5.35	65	1.50	18	1.54	3.17	64	56	37.5	12.2
10. BRAINTREE	36,337	36	E	16.82	16.45	16.49	11.13	67	2.17	13	2.73	5.71	61	52.5	38	26.0
11. CHELMSFORD	31,174	42	E	16.33	15.86	15.50	10.70	69	2.74	18	2.92	6.98	68	65	37.5	23.6
12. CHELSEA	25,431	60	E	9.70	9.70	9.70	7.37	76	1.58	16	5.99	4.84	63	42	35	12.0
13. DEDHAM	25,298	61	E	16.39	15.22	16.25	11.31	70	2.24	14	6.57	5.33	64	64	37.5	17.9
14. EVERETT	37,195	31	E	12.26	12.00	11.60	9.09	78	1.65	14	5.37	3.30	72	56	37	19.5
15. FITCHBURG	39,580	28	C	17.07	15.90	16.35	10.94	67	2.58	16	4.60	6.67	65	53	37.5	30.7
16. GLOUCESTER	27,768	52	E	12.86	10.83	12.68	9.61	76	1.78	14	3.87	5.06	63	59	40	15.1
17. HAVERHILL	46,865	23	E	11.88	9.12	11.88	7.66	64	1.58	13	3.79	3.70	65.5	61.5	40	25.2
18. HOLYOKE	44,678	26	W	7.36	5.69	6.59	4.29	65	1.23	19	3.30	2.24	64	52	35	13.9
19. LEOMINSTER	34,508	38	C	11.57	11.32	11.55	8.12	70	1.91	17	3.16	4.56	64	60	37.5	18.1
20. LEXINGTON	29,479	47	E	32.47	28.41	32.47	22.00	68	4.73	15	7.51	16.99	70	66	37	41.8
21. MARLBOROUGH	30,617	44	E	12.09	11.73	12.03	8.29	69	1.74	14	3.88	6.29	66	54	35	19.5
22. MELROSE	30,055	45	E	12.82	12.65	12.67	9.14	72	2.36	19	3.83	6.66	64	56	37	17.9
23. METHUEN	36,701	33	E	6.46	2.78	4.90	3.13	64	1.13	23	1.40	2.36	63	51	35	10.0
24. MILTON	25,860	59	E	17.77	16.75	17.12	12.56	73	2.89	17	5.07	7.55	68.5	56.5	37.5	19.4
25. NATICK	29,461	48	E	19.22	17.66	19.02	13.53	71	2.96	16	4.26	7.20	68.5	56.5	37.5	23.5
26. NEEDHAM	27,901	51	E	21.26	20.73	20.71	14.62	71	3.42	17	4.72	9.61	68	64	37.5	24.8

POPULATION GROUP V (25,000 - 49,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
27. NORTHAMPTON	29,286	49	W	18.91	15.20	18.58	13.08	70	2.99	16	12.47	8.98	67	67	37.5	31.6
28. NORWOOD	29,711	46	E	16.03	16.01	16.03	11.78	74	2.29	14	3.05	6.31	72	60	35	18.1
29. PEABODY	45,976	24	E	10.35	10.03	11.25	6.50	58	1.86	17	2.13	2.79	69	65	35	20.4
30. PLYMOUTH	35,913	37	E	13.08	11.25	13.08	7.81	60	1.87	14	1.91	5.16	63	58	37.5	19.6
31. RANDOLPH	28,218	50	E	8.74	8.74	8.72	6.12	70	1.53	18	1.49	5.81	64	46	35	11.1
32. REVERE	42,423	27	E	4.15	4.15	3.31	2.32	70	0.52	16	0.66	0.86	65	53	40	9.7
33. SALEM	38,220	29	E	13.91	12.18	13.52	9.38	69	2.12	16	4.45	4.48	64	64	35	21.9
34. STOUGHTON	26,710	55	E	12.98	12.98	12.98	8.78	68	2.43	19	3.79	4.69	64	56	35	15.2
35. TAUNTON	45,001	25	E	8.80	8.80	8.80	6.42	73	1.44	16	5.82	4.37	64	55	35	25.6
36. WATERTOWN	34,384	39	E	24.37	24.27	24.16	17.92	74	3.05	13	3.65	5.71	61	49	37	35.6
37. WELLESLEY	27,209	53	E	30.53	30.28	30.53	20.80	68	5.31	17	7.11	14.79	65	62	35	34.2
38. WEST SPRINGFIELD	27,042	54	W	10.80	10.27	8.92	5.44	61	1.76	20	3.45	5.27	66	51.5	37.5	13.2
39. WESTFIELD	36,465	35	W	14.10	11.28	14.10	9.51	67	1.95	14	4.13	8.19	63	54.5	37	26.2
40. WOBURN	36,626	34	E	8.79	8.68	8.36	6.03	72	1.13	14	2.64	2.58	64	49.5	37.5	15.8

Population Group VI
(50,000-99,999)

POPULATION GROUP VI (50,000 - 99,999)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BROCKTON	95,172	6	E	9.41	9.34	9.41	7.15	76	1.14	12	3.10	3.69	64	52	35	45.7
2. BROOKLINE	55,062	19	E	30.66	30.18	30.14	21.62	72	5.03	17	7.12	8.42	63	61	37	63.9
3. CAMBRIDGE	95,322	5	E	17.62	17.60	17.23	12.34	72	2.13	12	4.62	6.05	68	60	37.5	65.5
4. CHICOPEE	55,112	18	W	8.03	7.84	8.03	5.92	74	1.20	15	1.75	3.23	63	48	35	24.6
5. FALL RIVER	92,574	7	E	5.67	5.56	5.61	3.83	68	1.06	19	4.11	2.72	64	56	35	33.3
6. FRAMINGHAM	65,113	13	E	17.21	16.76	16.36	12.28	75	2.66	16	3.52	7.17	67.5	60.5	37.5	47.2
7. LAWRENCE	63,175	14	E	9.55	9.39	9.55	5.50	58	1.23	13	3.71	1.32	64	56	35	24.1
8. LOWELL	92,418	8	E	6.03	6.03	5.92	4.34	73	1.11	19	2.20	1.54	63.5	49	35	23.7
9. LYNN	78,471	11	E	9.20	8.72	9.20	7.20	78	1.36	15	3.35	1.99	63	50	35	40.0
10. MALDEN	53,386	20	E	10.92	10.45	10.61	7.10	67	1.59	15	4.13	2.76	66	54	35	24.2
11. MEDFORD	58,076	16	E	10.65	10.61	10.42	7.82	75	1.28	12	2.29	2.42	65	57	35	25.0
12. NEW BEDFORD	98,478	4	E	10.19	9.14	10.19	7.72	76	1.29	13	4.60	3.77	64	64	35	54.8
13. NEWTON	83,622	10	E	17.29	17.29	16.77	12.44	74	2.69	16	4.48	5.76	68	62	37.5	71.7
14. PITTSFIELD	51,974	21	W	10.43	10.09	10.12	8.10	80	1.50	15	3.83	7.34	63	59	35	27.7
15. QUINCY	84,743	9	E	13.35	13.11	12.96	9.20	71	1.69	13	2.60	4.57	62	54	35	41.6
16. SOMERVILLE	77,372	12	E	10.93	10.89	10.86	8.74	80	1.43	13	2.81	1.89	63	57	35	41.9
17. WALTHAM	58,200	15	E	7.97	7.97	7.97	6.48	81	1.01	13	2.59	3.57	63	53	35	21.5
18. WEYMOUTH	55,601	17	E	11.49	11.29	11.03	8.49	77	1.38	13	2.82	4.21	71	68	35	26.8

Population Group VII
(100,000+)

POPULATION GROUP VII (100,000+)

MUNICIPALITY	'80 POP	POP RNK	REG	TOT OPRTG INC $ P C	APPRO MUNIC INC $ P C	TOT OPRTG EXP $ P C	SALARY EXP $ PER CAP	SALARY EXP % TOT EXP	MATERLS EXP $ PER CAP	MATERLS EXP % TOT EXP	HLDGS P C	CIRC P C	HOURS WIN	HOURS SUM	HRS IN WORK WEEK	FTE
1. BOSTON	562,994	1	E	22.90	22.22	22.18	14.64	66	2.79	13	11.05	3.10	68	64	35	585.0
2. SPRINGFIELD	152,319	3	W	24.73	22.12	24.73	17.28	70	3.65	15	4.51	7.91	68	52	37.5	150.8
3. WORCESTER	161,799	2	C	16.81	16.07	16.39	12.10	74	2.10	13	5.21	4.31	67	54.5	40	138.2

Section Three:
FY87 Library Incentive Grant Application
Page 2

Annual Report Information Survey
Last Page

A. FY86 TOTAL OPERATING INCOME (report in whole dollars).

Sources of Income	APPROPRIATED	NOT APPROPRIATED
1. Municipal Funds		
2. Carry-over From FY85 Appropriation		
3. Library Incentive Grant		
4. Dog Tax Fund		
5. Federal Revenue Sharing		
6. Additional Aid to Public Libraries		
7. Trusts and Endowments		
8. Monetary Gifts		
9. Other & Miscellaneous		

BOX A — Total Appropriated Municipal Income

C. FY86 CAPITAL PROGRAMS & OUTLAYS*

1 Income
- a Appropriated Municipal Income
- b Additional Aid to Public Libraries
- c Additional Monies

TOTAL — BOX C1

2 Expenditures — BOX C2

*Funds reported in Section C should not be reported in Sections A or B. **Please see Instructions.**

B. FY86 TOTAL OPERATING EXPENDITURES (report in whole dollars)

1 Salaries → Box B1: Total Salary Expenditures

2 a Library Print Materials
- 1 books
- 2 periodicals
- 3 microforms

Library Print Materials Expenditures Subtotal

b Library Non-Print & Additional Materials

→ Box B2: Total Materials Expenditures

3 Other Operating Expenditures → Box B3: Other Operating Expenditures

Box B1 + Box B2 + Box B3 → Box B: Total Operating Expenditures

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INSTRUCTIONS FOR FISCAL YEAR 1987 LIBRARY INCENTIVE GRANT APPLICATION
(Regarding FY86 Income and Expenditures)

A ✓ indicates new or substantially revised instructions. PLEASE read these instructions before completing the application and call the Library Incentive Grant Unit staff at 1-800-952-7403 or 267-9400 if you have any questions.

Instructions corresponding to each page of the Application are separated below by a broken horizontal line. Instructions for the various sections and standards covered on each page of the Application are separated below by a solid horizontal line.

p1 At the bottom of the page give the inclusive dates of the fiscal year for which you are reporting only if it differs from FY86, that is 1 July 1985 through 30 June 1986.

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p2 A **FY86 TOTAL OPERATING INCOME (please round to whole dollars)**

Exclude - income earmarked for capital programs and outlays

✓ **Please Note:** Section A has been revised to give respondents more flexibility when reporting the library's sources of income, and some income sources have been deleted.

In terms of flexibility, by listing APPROPRIATED and NOT APPROPRIATED columns, we have provided three ways to report most sources of operating income: all appropriated, all not appropriated, some appropriated and some not appropriated. An example of the latter situation is those few communities where each year some of the trust income is appropriated to the library and some is not. Another example would be a community where fine income is appropriated to the library and rental income derived from a privately owned library property is not appropriated, both sums would be reported under "Other & Miscellaneous" appropriated and not appropriated, respectively.

We have learned from the Department of Revenue that according to M.G.L.A. ch. 44, sec. 53A municipalities may receive state grants and disburse them directly to the receiving departments without further appropriation; this interpretation would seem to apply to the handling of the FY85 Library Incentive Grant and Additional Aid to Public Libraries state monies. Municipalities where this is the case now have the option to report the monies as not appropriated.

In terms of deleting some sources of operating income, we are not asking for data on Additional Monies - Grant; on last year's application those sources were labeled non-governmental grants, LSCA, other federal grants, other state grants, and regional PL systems' monies. We may include these income categories again on the FY88 application.

✓ In Section A, report the amounts of Municipal Funds, and Carry-over from the FY85 Appropriation if any, APPROPRIATED for operating the library in FY86. For each of the remaining sources of income listed, indicate in the two columns the amounts received for operating the library in FY86; when no amount was received, please report a "0".

2 A1 **Municipal Funds**

Include + revenue, such as from the local tax levy, appropriated for operating expenditures

+ funds and transfers through the supplemental budget process

Exclude - and report separately, if possible, these sources of income. Such reporting helps identify the frequency with which various sources contribute to public library funding
- Carry-over from FY85 Appropriation
- Library Incentive Grant
- Dog Tax Fund
- Federal Revenue Sharing
- Additional Aid to Public Libraries
- Other & Miscellaneous

A2 **Carry-over From FY85 Appropriation**

Include + FY85 appropriated monies which were unencumbered and unexpended that year and authorized by the municipality for operating expenses during FY86

A3 **Library Incentive Grant**

Include + if reporting under "APPROPRIATED", only the amount of funds authorized by the municipality during FY86 for the library's operating expenses.

Exclude - Additional Aid to Public Libraries

A4 **Dog Tax Fund**

A5 **Federal Revenue Sharing**

A6 **Additional Aid to Public Libraries:**

Include + the monies from line B.15 of the FY86 Cherry Sheet. The Cherry Sheet labeled these monies as "Additional Aid to Public Libraries"; informally they have also been referred to as the "supplemental aid".

Exclude - the Library Incentive Grant monies which were noted on line B.16 (labeled Public Libraries) of the FY86 Cherry Sheet.

A7 **Trusts and Endowments**

Include + interest or other income from trusts and endowments received between 1 July 1985 - 30 June 1986. If some or all of your trust funds and/or endowments do not follow the July - June fiscal year, please indicate that on the bottom line of page 1.

Exclude - the principal of trusts and endowments

A8 **Monetary Gifts**

Include + monetary gifts received from civic and business organizations and foundations as well as from individuals

Exclude - estimated or fair market value of non-monetary gifts (such as books, paintings, furniture, etc.)
- grants from foundations or civic and business organizations

✓ A9 **Other and Miscellaneous**

Include + revenue not specified elsewhere in A1-8. Such revenue may be from fines, fees, (such as from photocopiers, public access microcomputers or rentals), the sale of inventory and fixed assets, or proceeds from fund raising projects and consignment shops.

Exclude - receipts retained by the municipality and not authorized for the library's operating expenses. Also exclude these monies:

1. non-governmental grant monies received as a result of a proposal prepared in response to the requirements of the grantor. Grantors may include civic and business organizations and foundations.
2. LSCA and other federal grant monies except Federal Revenue Sharing noted above in A5
3. federally subsidized employment programs such as the Senior Aides funded under the Older Americans Act
4. federal income earmarked for capital programs and outlays
5. income from state government grants, such as those awarded by the Massachusetts Arts Lottery Council, except the Library Incentive and Additional Aid to Public Libraries grants noted above in A3 and A6.

Exclude - under, APPROPRIATED, receipts retained by the municipality and not authorized for the library's operating expenses.

p2 Box A **Add lines A1-9 in the APPROPRIATED column and place the sum in Box A labeled "Total Appropriated Municipal Income."**

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p2 B **FY86 TOTAL OPERATING EXPENDITURES (report in whole dollars)**

Include + expenditures and encumbrances from income reported above in A1-9

+ expenditures, defined as the cost of goods delivered or services rendered

+ encumbrances, defined as a contingent liability in the form of purchase orders, contracts, or salary commitments which were not yet paid as of the last day of the fiscal year, but are to be paid out of FY86 Sources of Income. An example of an encumbrance is an order for books not yet received (or paid for) on the last day of the fiscal year, but for which funds are reserved (encumbered) to pay the bill when received. If in doubt as to whether or not a particular purchase order or other commitment is an encumbrance, check with your accountant.

Exclude - expenditures and encumbrances from income reported in C1a-c (Capital Programs and Outlays)

p2 B1 **Salaries**

Include + expenditures and encumbrances from income reported in A1-9

+ total salaries paid all staff (full-time, part-time, seasonal, substitute, hourly, etc.) holding positions routinely included in the library budget year after year

Exclude
- contracted building maintenance services
- salaries paid with federal monies (LSCA, Older Americans Act, etc.) other than federal revenue sharing
- salaries paid by other municipal departments
- pension and fringe benefit expenditures (if either or both are paid from the library's Total Appropriated Municipal Income include the amount expended in "Other Operating Expenditures" Box B3 below.)

p2 Box B1 **Place the amount of salary expenditures/encumbrances to the right in Box B1 labeled "Total Salary Expenditures."**

p2 B2a1-3 **Library Print Materials**

Include + expenditures and encumbrances from income reported in A1-9

+ for books, the amount expended and encumbered for books and other printed materials catalogued or made ready for use (processed) in the same manner as books

+ separate amounts for periodicals and microforms, if possible

p2 Sub-total **Add lines B2a1-3 and place the total below in the box labeled "Library Print Materials Expenditures Subtotal."**

2 B2b **Library Non-Print and Additional Materials**

Include + expenditures and encumbrances for income reported in A1-9

+ audio recordings (disc, reel-to-reel tape, and cassette audio recordings)

+ 8 and 16mm films if they are part of the library's permanent collection

+ other AV materials which require the use of special equipment to be seen or heard

+ additional non-book library materials which do not require the use of special equipment to be seen or heard, e.g., maps, art prints, globes, vertical file material, and games

+ microcomputer software

p2 Box B2 **Add the amounts reported in the box marked Library Print Materials Expenditures Subtotal and on line B2b (Library Non-Print and Additional Materials) and place the total to the right in Box B2 labeled "Total Materials Expenditures."**

p2 B3 **Other Operating Expenditures**

Include expenditures and encumbrances:

+ from income reported in A1-9

+ for all purposes other than salaries and materials

+ for items such as the following, for example:
maintenance of plant; electricity
telephone and telecommunications
equipment and film rentals

equipment maintenance contracts
annual network and consortium membership fees
supplies, postage; binding and rebinding
fees for speakers; pension and fringe benefit costs
creation of machine-readable records

Exclude - expenditures and encumbrances from income reported in C1a-c (Capital Programs and Outlays) above

p2 Box B3 Place the amount to the right in Box B3 labeled "Other Operating Expenditures."

p2 Box B Total Operating Expenditures

Add Boxes B1, B2, and B3 and place the total to the right in Box B labeled "Total Operating Expenditures."

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p2 C CAPITAL PROGRAMS AND OUTLAYS

In general, libraries where automated systems have been purchased or libraries participating in automated networks for resource sharing **should record here the income for, and expenditures on, the library's purchase of hardware associated with that membership.** Also record here the income for, and expenditures on, the library's creation of machine-readable records in a retrospective conversion project if it was not reported as part of operating income and expenditures.

Examples of automated resource sharing include Automated Bristol Library Exchange (ABLE); C/W MARS; Merrimack Valley Library Cooperative (MVLC); Minuteman; North of Boston Library Exchange (NOBLE); and Old Colony Library Network (OCLN).

✓ p2 C1 INCOME (Capital)

Include + income for capital programs or outlays. These may generally be defined as extraordinary and non-recurring programs, such as construction, renovation, improvement, expansion, or repair of a library building, resulting in the acquisition of, or addition to, fixed assets which will remain usable in excess of one year.

Municipalities, however, often have their own definition of what constitutes a capital program or outlay. If available, use the municipality's definition or that of the Board of Trustess.

Note that any income reported here in section C1 should not be reported in section A.

✓ **C1a** **Appropriated Municipal Income (Capital)**

Include + appropriations for capital programs and outlays from these sources of income: Municipal Funds, Carry-over From FY85 Appropriation, Library Incentive Grant, Dog Tax Fund, and Federal Revenue Sharing.

Exclude - and report separately below capital outlays from Additional Aid to Public Libraries, and Additional Monies

C1b **Additional Aid to Public Libraries**

Include + Additional Aid to Public Library monies appropriated for library capital programs and outlays. Additional Aid to Public Libraries monies were reported to municipalities on line B.15 of the FY86 Cherry Sheet and informally have been called "supplemental aid" funds.

Exclude - any Library Incentive Grant monies appropriated for Capital programs and outlays. Such income should be reported on line C1a.

C1c **Additional Monies (Capital)**

Include + income for capital programs and outlays from these sources of income:
interest from trusts and endowments
monetary gifts
Other and Miscellaneous sources
federal monies excluding federal revenue sharing
state monies excluding the Additional Aid to Public Libraries and Library Incentive Grant

p2 Box C1 Add lines C1a-c and place the sum in the box below labeled C1.

p2 C2 **Expenditures (Capital)**

Include + all expenditures and encumbrances for capital programs and outlays taken from the sources of income listed above in C1a-c. **Note that any expenditures reported here in section C2 should not be reported in section B.**

p2 Box C2 Place the sum of all such expenditures and encumbrances to the right in the box labeled C2.

HOLDINGS AND CIRCULATION INFORMATION FOR FY86

A. HOLDINGS

1. LIBRARY PRINT MATERIALS
   a. Volumes Owned.....
   b. Volumes of Bound Periodicals.....
   c. Periodical Subscriptions Rec'd...
   d. Physical Units of Microforms.....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   a. Audio Recordings.....
   b. Films 8mm.....
   c. Films 16mm.....
   d. Filmstrips.....
   e. Slide Sets.....
   f. Videotapes:.....reels_____ + cassettes_____ =
   g. Multi-media Kits.....
   h. Framed Art Prints.....
   i. Other.....

TOTAL A

B. CIRCULATION

1. LIBRARY PRINT MATERIALS
   a. Direct Circulation to Users.....
   b. Circulation from other Libraries to Users (ILL).....
   c. Circulation to other Libraries (ILL).....

2. LIBRARY NON-PRINT & ADDITIONAL MATERIALS
   a. Audio Recordings.....
   b. Films 8mm.....
   c. Films 16mm.....
   d. Filmstrips.....
   e. Slide Sets.....
   f. Videotapes:.....reels _____ + cassettes _____ =
   g. Multi-media Kits.....
   h. Framed Art Prints.....
   i. Other.....

TOTAL B

Data reported on this page should be for FY86, covering the 12-month period between July 1, 1985 and June 30, 1986. If data are reported for another 12-month period, please supply inclusive dates here _____.

PAGE FOUR: HOLDINGS AND CIRCULATION INFORMATION FOR FY86

A1 HOLDINGS: LIBRARY PRINT MATERIALS

A1a Volumes Owned: Count one for each volume (i.e. physical unit, either hard or soft bound) owned by the library in its catalogued collection of books and related printed materials catalogued or processed in the same manner as books.

A1b Volumes of Bound Periodicals: Count, according to the method used in your library, the number of volumes of hardbound periodicals owned by the library. Report "0" if the library does not own any volumes of bound periodicals.

A1c Periodical Subscriptions Received: Count one for each title, excluding duplicate subscriptions.

A1d Physical Units of Microforms: Count one for each roll of microfilm or each card of microfiche.

A2 HOLDINGS: LIBRARY NON-PRINT & ADDITIONAL MATERIALS: For each of the media listed, count materials separately by title, including one for each titled part of a series.

A2a Audio recordings: Include discs, reel-to-reel tapes, and cassettes.

A2b-c Films 8mm and 16mm: Count only those owned by the library.

A2d-e Filmstrips and Slide Sets: Include sound and silent.

A2f Videotapes: Include, if possible, a separate figure for permanent reel-to-reel tapes and cassette tapes, either commercially or non-commercially produced. Also, please provide a total count of all videotapes (excluding, of course, blank tapes).

A2g Multi-Media Kits: A kit is a variety of media formats (usually a minimum of 3) gathered and integrated into a unit such that the varied components overlap and reinforce the value of each other. Count one for each kit title.

A2h Framed Art Prints: Include framed art prints intended for circulation. Do not include individual photographs or clippings.

A2i Other: Include materials not listed individually such as globes, games, puzzles, toys, realia, maps,

microcomputer software, vertical file material, etc. Count one for each drawer of vertical file material; for all other items count or estimate one for each title.

Add lines A1a and A2a-h, placing the figure below on the dark line labeled "TOTAL A." Do not include lines A1b-d and A2i in the total.

B1 **CIRCULATION: LIBRARY PRINT MATERIALS**

B1a **Direct Circulation to Users:** Count one for each book or issue of a periodical lent from the collection to users, and one for each renewal, including circulation from bookmobiles operated by the library. Circulation of materials owned by the regional public library systems should also be included in this count.

B1b **Circulation from Other Libraries to Users (ILL):** Count one for each book or issue of a periodical received from another library's collection and circulated to users, and one for each renewal. This figure should reflect the interlibrary loans received by the library.

B1c **Circulation to Other Libraries (ILL):** Count one for each book or issue of a periodical loaned to another library, and one for each renewal. This figure should reflect the interlibrary loans sent by the library.

B2 **CIRCULATION: LIBRARY NON-PRINT & ADDITIONAL MATERIALS**

B2a-i Count one for each title lent from the library's own collection, or received from the regional public library systems or from another library's collection and lent to users or another library, and one for each renewal.

Add lines B1a-c and B2a-h, placing the figure below on the dark line labeled "TOTAL B." Do not include line B2i in the total.

If you have any questions, please call the Planning and Research Unit staff at 1-800-952-7403 or 267-9400

Municipal Index to Population Groups

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
ABINGTON	IV	BARNSTABLE	V	BOYLSTON	II
ACTON	IV	BARRE	II	BRAINTREE	V
ACUSHNET	III	BECKET	I	BREWSTER	III
ADAMS	IV	BEDFORD	IV	BRIDGEWATER	IV
AGAWAM	V	BELCHERTOWN	III	BRIMFIELD	II
ALFORD	I	BELLINGHAM	IV	BROCKTON	VI
AMESBURY	IV	BELMONT	V	BROOKFIELD	II
AMHERST	V	BERKLEY	II	BROOKLINE	VI
ANDOVER	V	BERLIN	II	BUCKLAND	I
ARLINGTON	V	BERNARDSTON	I	BURLINGTON	IV
ASHBURNHAM	II	BEVERLY	V	CAMBRIDGE	VI
ASHBY	II	BILLERICA	V	CANTON	IV
ASHFIELD	I	BLACKSTONE	III	CARLISLE	II
ASHLAND	III	BLANDFORD	I	CARVER	III
ATHOL	IV	BOLTON	II	CHARLEMONT	I
ATTLEBORO	V	BOSTON	VII	CHARLTON	III
AUBURN	IV	BOURNE	IV	CHATHAM	III
AVON	III	BOXBOROUGH	II	CHELMSFORD	V
AYER	III	BOXFORD	III	CHELSEA	V

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
CHESHIRE	II	DOUGLAS	II	FALMOUTH	IV
CHESTER	I	DOVER	II	FITCHBURG	V
CHESTERFIELD	I	DRACUT	IV	FLORIDA	I
CHICOPEE	VI	DUDLEY	III	FOXBOROUGH	IV
CHILMARK	I	DUNSTABLE	I	FRAMINGHAM	VI
CLARKSBURG	I	DUXBURY	IV	FRANKLIN	IV
CLINTON	IV	EAST BRIDGEWATER	III	FREETOWN	III
COHASSET	III	EAST BROOKFIELD	I	GARDNER	IV
COLRAIN	I	EAST LONGMEADOW	IV	GAY HEAD	I
CONCORD	IV	EASTHAM	II	GEORGETOWN	III
CONWAY	I	EASTHAMPTON	IV	GILL	I
CUMMINGTON	I	EASTON	IV	GLOUCESTER	V
DALTON	III	EDGARTOWN	II	GOSHEN	I
DANVERS	IV	EGREMONT	I	GOSNOLD	I
DARTMOUTH	IV	ERVING	I	GRAFTON	IV
DEDHAM	V	ESSEX	II	GRANBY	III
DEERFIELD	II	EVERETT	V	GRANVILLE	I
DENNIS	IV	FAIRHAVEN	IV	GREAT BARRINGTON	III
DIGHTON	III	FALL RIVER	VI	GREENFIELD	IV

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
GROTON	III	HOLDEN	IV	LEOMINSTER	V
GROVELAND	III	HOLLAND	I	LEVERETT	I
HADLEY	II	HOLLISTON	IV	LEXINGTON	V
HALIFAX	III	HOLYOKE	V	LEYDEN	I
HAMILTON	III	HOPEDALE	II	LINCOLN	III
HAMPDEN	II	HOPKINTON	III	LITTLETON	III
HANCOCK	I	HUBBARDSTON	I	LONGMEADOW	IV
HANOVER	IV	HUDSON	IV	LOWELL	VI
HANSON	III	HULL	III	LUDLOW	IV
HARDWICK	II	HUNTINGTON	I	LUNENBURG	III
HARVARD	IV	IPSWICH	IV	LYNN	VI
HARWICH	III	KINGSTON	III	LYNNFIELD	IV
HATFIELD	II	LAKEVILLE	III	MALDEN	VI
HAVERHILL	V	LANCASTER	III	MANCHESTER	III
HAWLEY	I	LANESBOROUGH	II	MANSFIELD	IV
HEATH	I	LAWRENCE	VI	MARBLEHEAD	IV
HINGHAM	IV	LEE	III	MARION	II
HINSDALE	I	LEICESTER	III	MARLBOROUGH	V
HOLBROOK	IV	LENOX	III	MARSHFIELD	IV

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
MASHPEE	II	MONSON	III	NORTH ANDOVER	IV
MATTAPOISETT	III	MONTAGUE	III	NORTH ATTLEBOROUGH	IV
MAYNARD	III	MONTEREY	I	NORTH BROOKFIELD	II
MEDFIELD	IV	MONTGOMERY	I	NORTH READING	IV
MEDFORD	VI	MOUNT WASHINGTON	I	NORTHAMPTON	V
MEDWAY	III	NAHANT	II	NORTHBOROUGH	IV
MELROSE	V	NANTUCKET	III	NORTHBRIDGE	IV
MENDON	II	NATICK	V	NORTHFIELD	II
MERRIMAC	II	NEEDHAM	V	NORTON	IV
METHUEN	V	NEW ASHFORD	I	NORWELL	III
MIDDLEBOROUGH	IV	NEW BEDFORD	VI	NORWOOD	V
MIDDLEFIELD	I	NEW BRAINTREE	I	OAK BLUFFS	I
MIDDLETON	II	NEW MARLBOROUGH	I	OAKHAM	I
MILFORD	IV	NEW SALEM	I	ORANGE	III
MILLBURY	IV	NEWBURY	II	ORLEANS	III
MILLIS	III	NEWBURYPORT	IV	OTIS	I
MILLVILLE	I	NEWTON	VI	OXFORD	IV
MILTON	V	NORFOLK	III	PALMER	IV
MONROE	I	NORTH ADAMS	IV	PAXTON	II

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
PEABODY	V	REVERE	V	SHEFFIELD	II
PELHAM	I	RICHMOND	I	SHELBURNE	II
PEMBROKE	IV	ROCHESTER	II	SHERBORN	II
PEPPERELL	III	ROCKLAND	IV	SHIRLEY	III
PERU	I	ROCKPORT	III	SHREWSBURY	IV
PETERSHAM	I	ROWE	I	SHUTESBURY	I
PHILLIPSTON	I	ROWLEY	II	SOMERSET	IV
PITTSFIELD	VI	ROYALSTON	I	SOMERVILLE	VI
PLAINFIELD	I	RUSSELL	I	SOUTH HADLEY	IV
PLAINVILLE	III	RUTLAND	II	SOUTHAMPTON	II
PLYMOUTH	V	SALEM	V	SOUTHBOROUGH	III
PLYMPTON	I	SALISBURY	III	SOUTHBRIDGE	IV
PRINCETON	II	SANDISFIELD	I	SOUTHWICK	III
PROVINCETOWN	II	SANDWICH	III	SPENCER	IV
QUINCY	VI	SAUGUS	IV	SPRINGFIELD	VII
RANDOLPH	V	SAVOY	I	STERLING	III
RAYNHAM	III	SCITUATE	IV	STOCKBRIDGE	II
READING	IV	SEEKONK	IV	STONEHAM	IV
REHOBOTH	III	SHARON	IV	STOUGHTON	V

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
STOW	III	WAKEFIELD	IV	WEST NEWBURY	II
STURBRIDGE	III	WALES	I	WEST SPRINGFIELD	V
SUDBURY	IV	WALPOLE	IV	WEST STOCKBRIDGE	I
SUNDERLAND	II	WALTHAM	VI	WEST TISBURY	I
SUTTON	III	WARE	III	WESTBOROUGH	IV
SWAMPSCOTT	IV	WAREHAM	IV	WESTFIELD	V
SWANSEA	IV	WARREN	II	WESTFORD	IV
TAUNTON	V	WARWICK	I	WESTHAMPTON	I
TEMPLETON	III	WASHINGTON	I	WESTMINSTER	III
TEWKSBURY	IV	WATERTOWN	V	WESTON	IV
TISBURY	II	WAYLAND	IV	WESTPORT	IV
TOLLAND	I	WEBSTER	IV	WESTWOOD	IV
TOPSFIELD	III	WELLESLEY	V	WEYMOUTH	VI
TOWNSEND	III	WELLFLEET	II	WHATELY	I
TRURO	I	WENDELL	I	WHITMAN	IV
TYNGSBOROUGH	III	WENHAM	II	WILBRAHAM	IV
TYRINGHAM	I	WEST BOYLSTON	III	WILLIAMSBURG	II
UPTON	II	WEST BRIDGEWATER	III	WILLIAMSTOWN	III
UXBRIDGE	III	WEST BROOKFIELD	II	WILMINGTON	IV

Municipality	Pop. Group	Municipality	Pop. Group	Municipality	Pop. Group
WINCHENDON	III				
WINCHESTER	IV				
WINDSOR	I				
WINTHROP	IV				
WOBURN	V				
WORCESTER	VII				
WORTHINGTON	I				
WRENTHAM	III				
YARMOUTH	IV				